

ANACONDA MINERALS COMPANY  
NEW MEXICO OPERATIONS  
JACKPILE-PAGUATE MINE  
SURVEY OF SUBSIDENCE STATIONS  
JUNE 1984

Confidential Claim Retracted

Authorized by: SC

Date: 6/24/13

BY: HARMON ENGINEERING SURVEYS, INC.  
LAGUNA, NEW MEXICO

CONFIDENTIAL

POL-EPA01-0005655



9404353

MINE AREA & STATIONS	COORDINATES		ORIGINAL ELEVATION	JUNE 1984 ELEVATION	DIFFERENCE IN FEET
	NORTHING	EASTING			
300 AREA					
1N	1001855.808	990225.720	6281.611	6281.607	-0.004
2N	1001877.383	990128.213	6288.550	6288.507	-0.043
3N	1001898.995	990030.618	6293.597	6293.536	-0.061
4N	1001921.721	989933.331	6303.779	6303.665	-0.114
5N	1001941.949	989835.653	6315.679	6315.557	-0.122
* 6N	1001963.563	989738.017	6313.817		
7N	DESTROYED BY SURFACE MINING ACTIVITY				
8N	1002006.574	989543.215	6333.117	6333.163	+0.046
9N	1002029.772	989445.980	6346.807	6346.809	+0.002
10N	1002057.904	989350.333	6356.419	6356.478	+0.059
11S	DESTROYED BY SURFACE MINING ACTIVITY				
12S	1001883.652	989413.313	6355.790	6355.871	+0.081
13S	1001860.517	989510.569	6349.487	6349.538	+0.051
14S	1001838.964	989608.156	6349.066	6349.102	+0.036
15S	1001817.462	989705.581	6329.382	6329.334	-0.048
16S	1001795.905	989803.063	6319.279	6319.253	-0.026
17S	1001774.463	989900.596	6317.522	6317.514	-0.008
18S	DESTROYED BY SURFACE MINING ACTIVITY				
19S	1001731.347	990095.654	6303.924	6303.916	-0.008
20S	1001709.817	990193.223	6297.436	6297.464	+0.028
300-1	1002007.53	989700.97	6306.170	6306.224	+0.054
300-2	1001993.7	989794.44	6307.790	6307.767	-0.023
300-3	1001926.86	989883.57	6307.541	6307.510	-0.031
300-4	1001899.69	989980.34	6299.425	6299.375	-0.050
300-5	1001830.00	989660.00	6335.556	6335.556	0.000
300-6	1001824.17	989756.75	6324.736	6324.718	-0.018
300-7	1001797.14	989856.33	6315.387	6315.351	-0.036
300-8	1001782.58	989951.29	6311.868	6311.841	-0.027
1500 AREA					
21E	1002413.950	988801.632	6374.552	6374.335	-0.217
22E	1002488.069	988735.171	6374.411	6374.093	-0.318
23E	1002567.974	988675.106	6370.097	6369.865	-0.232
24E	1002651.983	988621.025	6372.278	6372.035	-0.243
25E	1002739.832	988573.319	6375.064	6374.866	-0.198
26E	1002831.022	988532.215	6375.344	6375.209	-0.135
27E	1002925.968	988498.705	6362.668	6362.566	-0.102
28W	1002820.744	988322.298	6382.056	6381.995	-0.061
29W	1002727.672	988358.820	6389.707	6389.585	-0.122
30W	1002637.271	988401.342	6396.273	6396.186	-0.087

\* Station 6N, having been placed in a steep drainage area, has been disturbed due to erosion.

(1)

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MINE AREA & STATIONS	COORDINATES		ORIGINAL ELEVATION	JUNE 1984 ELEVATION	DIFFERENCE IN FEET
	NORTHING	EASTING			
1500 AREA Cont."					
31W	1002549.646	988449.424	6390.166	6390.093	-0.073
32W	1002465.376	988503.132	6396.564	6396.485	-0.079
33W	1002384.681	988562.138	6397.531	6397.450	-0.081
34W	1002307.966	988626.175	6395.114	6395.013	-0.101
49E	1002359.83	988867.33	6375.30	6375.098	-0.202
50W	1002233.61	988692.38	6397.56	6397.440	-0.120
1502-1	1002293.56	988706.73	6392.737	6392.661	-0.076
1502-2	1002220.01	988787.89	6392.170	6392.114	-0.056
1502-3	1002418.53	988758.49	6381.187	6381.031	-0.156
1502-4	1002348.07	988875.68	6380.380	6380.268	-0.112
PW 2/3 AREA					
35N	1007915.919	992533.789	6093.053	6093.008	-0.045
36N	1007959.732	992623.401	6089.604	6089.561	-0.043
37N	1008006.171	992712.086	6086.071	6086.035	-0.036
38N	1008055.693	992798.805	6079.042	6078.990	-0.052
39N	1007782.298	992601.697	6095.013	6094.972	-0.041
40S	1007826.104	992691.476	6094.645	6094.626	-0.019
41S	1007886.870	992773.032	6091.946	6091.937	-0.009
42S	1007928.839	992864.050	6082.464	6082.427	0.037
002 AREA					
43N	1001667.09	991100.07	6218.405	6218.421	+0.016
44N	1001645.34	991200.08	6224.530	6224.531	+0.001
45N	1001625.08	991299.96	6225.195	6225.229	+0.034
46S	1001506.02	991100.07	6252.145	6252.237	+0.092
47S	1001490.51	991199.99	6240.048	6240.115	+0.067
48S	1001458.20	991300.07	6239.116	6239.184	+0.068
002-1	1001501.86	991239.46	6239.611	6239.654	+0.043
002-2	1001529.26	991162.09	6239.054	6239.125	+0.071
002-3	1001600.74	991173.91	6231.400	6231.425	+0.025
002-4	1001590.42	991253.97	6231.180	6231.177	-0.003

NOTE: A minus (-) sign preceeding a number in the difference -in feet column indicates that the June 1984 elevation is lower than the original elevation; a positive (+) sign indicates that it is higher.

MINE AREA	CORRESPONDING BENCH MARK AND ELEVATION	
300	P-10-3	6335.330
1500	FM-19	6438.664
PW 2/3	J-9	6138.162
002	P-10-3	6335.330